



Higher Operating Temperature

# TIVAR® H.O.T.

## When Processing Temperatures Rise, TIVAR® H.O.T. Beats the **HEAT**

Developed specifically to excel in chemical and thermo-cycling environments with temperatures ranging up to 275°F, TIVAR® H.O.T.\* is fast becoming the material of choice for baking, food processing & packaging, conveyor manufacturing, grain processing and many other major industries.

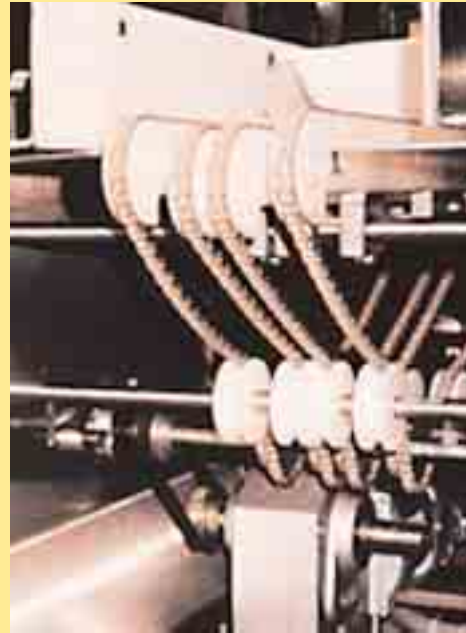
FDA/USDA-compliant, TIVAR® H.O.T. can be used as wearstrips in proofing ovens or food dehydrators; seals for pasturizers, chemical and medical processing equipment; rollers and sprockets in food processing equipment, and grain drag flights – just to mention a few common applications.

#### TIVAR® H.O.T.:

- Extends material wear-life
- Excels in environments up to 275°F
- Lasts up to 10 times longer than standard UHMW in higher temperature environments
- Resists abrasion, corrosion, chemicals and moisture
- Meets FDA guidelines 21CFR 178.2010 and 21CFR 177.1520 USDA compliant
- Exhibits excellent release characteristics

Choose TIVAR® H.O.T. – the material designed to beat the **HEAT**.

\*patent pending



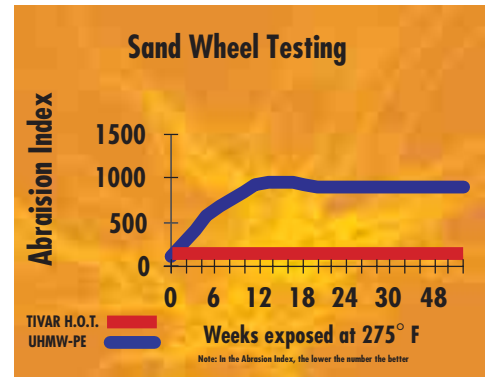
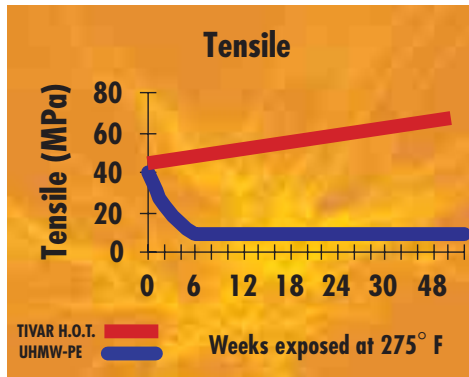
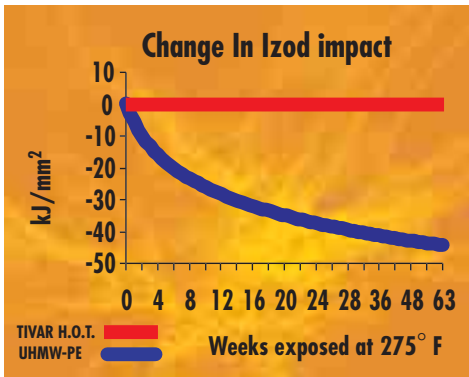
Rollers, sprockets and wearstrips manufactured from TIVAR® H.O.T. for applications in food processing show no signs of wear after numerous chemical and water washdowns, unlike their stainless steel counterparts.



TIVAR® H.O.T. J-leg wearstrips are used in proofing ovens or food dehydrators.

**Call Poly Hi Solidur toll-free at 1-877-4POLYHI today!**

# Outstanding Performance, Excellent Wearlife



## Applications

- Chain guides
- Conveyor components
- Flights and paddles
- Guide Rails
- Liners
- Seals & valves
- Wearstrips, pads, and plates

## Industries

- Baking
- Chemical
- Confectionary
- Conveyor manufacturing
- Dairy
- Food processing and packaging
- Grain processing
- Medical

TIVAR® H.O.T. is available in the following standard sheet sizes: 48" x 120" sheets with gauges ranging from 1/16" to 6" and 48" x 240" sheets with gauges ranging from 3/4" to 3". Other sizes are available on request. It can also be extruded in rod, tube and a variety of standard and custom profiles.



Seals for processing equipment made from TIVAR® H.O.T. are used in food, chemical, medical and other industries.

Grain drag flights manufactured from TIVAR® H.O.T. last longer and perform better in higher temperatures or where chemicals such as Hexane are used than those manufactured from standard UHMW.



**POLY HI SOLIDUR**

A MENASHA SUBSIDIARY



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IMPORTANT: Most plastics will ignite and sustain flame under certain conditions. Caution is urged where any material may be exposed to open flame or heat generating equipment. Use Material Safety Data Sheets to determine auto-ignition and flashpoint temperatures of material or consult Poly Hi Solidur. WARRANTY: Characteristics and applications for products are shown for information only and should not be viewed as recommendations for use or fitness for any particular purpose. TIVAR® and TIVAR® H.O.T. are registered trademarks of Poly Hi Solidur, Inc. © 2003 Poly Hi Solidur, Inc., Ft. Wayne, IN. 1-877-4POLYHI F-TIVHOT0303